

2009 59835 W REVISION DATE: 20 DEC 2004
 ARMY MCA (AS OF 04/13/2005 AT 16:49:54) 20 SEP 2004
 LAF=1.00 UM=M

Fort Example
 CONUS

Digital Multipurpose Range Complex(DMPR

178 60 59835 47,000

1.0000 /US\$

PRIMARY FACILITY				41,487
Digital Multipurpose Range Cmplx	LN	3	13,566,	(40,701)
Range Operations Center, Large	m2	189	950.38	(180)
Operations/Storage Building	m2	74.30	1,010	(75)
After Action Review Bldg, Large	m2	263.30	1,038	(273)
Latrine, Dual Sex, Aerated Vault	m2	18	2,959	(53)
Total from Continuation page(s)				(205)
SUPPORTING FACILITIES				999
Electric Service	LS	--	--	(966)
Paving, Walks, Curbs And Gutters	LS	--	--	(21)
Storm Drainage	LS	--	--	(4)
Site Imp(8) Demo()	LS	--	--	(8)

ESTIMATED CONTRACT COST	42,486
CONTINGENCY PERCENT (5.00%)	<u>2,124</u>
SUBTOTAL	44,610
SUPERVISION, INSPECTION & OVERHEAD (5.70%)	<u>2,543</u>
TOTAL REQUEST	47,153
TOTAL REQUEST (ROUNDED)	47,000
INSTALLED EQT-OTHER APPROPRIATIONS	(0)

Construct a standard Digital Multipurpose Range Complex (DMPRC). Primary facilities include the DMPRC large range operations center, operations/storage building, latrine, bleacher enclosure, covered mess, ammo breakdown building, large after action review building, ammunition loading dock, bivouac area, and unit staging area. Supporting facilities include electric service and information systems. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Anti-terrorism/force protection measures include reinforced metal doors, exterior lighting, laminated glass and security grates for windows. Access for individuals with disabilities is not required. Demolish buildings (__ total m2). Air conditioning (estimated __ kwr).

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9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				205
Bleacher Enclosure	m2	54.40	1,282	(70)
Covered Mess	m2	72	777.58	(56)
Ammo Breakdown Building	m2	10.80	2,788	(30)
Ammunition Loading Dock	m2	24	780.50	(19)
Unit Staging Area	EA	1	30,131	(30)

11. REQ: NONE ADQT: NONE SUBSTD: NONE
PROJECT:
Construct a standard Digital Multipurpose Range Complex (DMPRC).
([New][Current] mission)

REQUIREMENT:

This information is prepared to address the question "Why is the project needed now?" A continuing need for the project should also be indicated. Include a sentence stating the average daily loads/training throughput. Any alternatives to project construction should be identified along with the corresponding rational for rejection. In cases where the project is required to support unit activations, stationing actions or equipment modernization, clearly indicate what type of unit or what type of equipment has generated the programming action. List the units generically, not specifically. Also, provide a statement indicating if the project has been validated by the Range Development Plan.

CURRENT SITUATION:

This information is required to answer the questions "How is the need currently being met" and "How does the unit currently operate?" Avoid emotional appeals. Be factual. Do not state that mission is not being met, instead describe the deficiencies in meeting mission. Include all factors considered in determining that the current facilities are not suitable for continued use.

IMPACT IF NOT PROVIDED:

Information contained in this subsection will describe the results if the project is not approved and constructed. Indicate, where applicable, any adverse impacts on overall mission accomplishment, safety, etc. Do not just repeat the Current Situation. This paragraph defines the forecasted adverse impact on the continuing operation or mission. Begin this subsection with, "If this project is not provided..."

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ADDITIONAL:

Information in this subsection is easily entered by using the "Standard Statement Assistance" in the PAX processor. The statement choices for a typical range project follow:> Physical Security ñ 1st choice AT/FP ñ 1st choice Econ Analysis ñ 2nd choice Joint Use Certification ñ 2nd choice Sustainable Principles ñ yes This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

ESTIMATED CONSTRUCTION START:

MAR 2009

INDEX: 2420

ESTIMATED MIDPOINT OF CONSTRUCTION:

JUN 2010

INDEX: 2481

ESTIMATED CONSTRUCTION COMPLETION:

SEP 2011

INDEX: 2539

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U/M Qty Unit Cost
(\$000)

PRIMARY FACILITY.

GENERAL.

1.0)	17860	Digital Multipurpose Range Cmpl	LN		313,566,856	(40,701)
1)		SIT Emplacement	EA	315	2,560	806
2)		MIT Emplacement	EA	45	7,799	351
3)		SAT Emplacement	EA	100	11,165	1,117
4)		MAT Emplacement	EA	11	547,296	6,020
5)		500m MAT Emplacement	EA	4	643,601	2,574
6)		MAT Electrical Adds	EA	1	122,617	123
7)		Vehicle Position Sensor Emplace	EA	30	8,589	258
8)		Tank Firing Position (2 Tier)	EA	6	57,132	343
9)		Tank Firing Position (Hulldown)	EA	30	42,007	1,260
10)		Machinegun Observation Bunker	EA	4	7,642	31
11)		Fighting Trench	EA	4	159,148	637
12)		Service Roads	m	26,640	25.19	671
13)		Tank Trails	m	28,280	95.26	2,694
14)		Concrete Turning Pads	EA	18	6,249	112
15)		Grading & Drainage	ha	1,650	6,617	10,918
16)		Clearing & Grubbing	ha	1,238	4,456	5,516
17)		Demolition	EA	1	13,209	13
18)		Limit Markers	EA	2	4,391	9
19)		Heavy-Duty Pipe Gate	EA	1	3,196	3
20)		ROCA Site Prep	ha	3.80	42,705	162
21)		Downrange Electrical	EA		16,876,625	6,877
22)		Vehicle Position Sensor Emplace	EA	30	6,861	206
2.0)	17860	Range Operations Center, Large	m2	189	950.38	(180)
1)		Architectural / Structural	m2	189	612.83	116
2)		Mechanical	m2	189	63.20	12
3)		Electrical	m2	189	274.35	52
3.0)	17122	Operations/Storage Building	m2	74.30	1,010	(75)
1)		Architectural /Structural	m2	74.30	704.01	52
2)		Mechanical	m2	74.30	90.79	7
3)		Electrical	m2	74.30	215.58	16
4.0)	17860	After Action Review Bldg, Large	m2	263.30	1,038	(273)
1)		Architectural / Structural	m2	263.30	694.47	183
2)		Mechanical	m2	263.30	72.82	19
3)		Electrical	m2	263.30	271.00	71
5.0)	17860	Latrine, Dual Sex, Aerated Vault	m2	18	2,959	(53)
1)		Architectural / Structural	m2	18	1,624	29
2)		Mechanical	m2	18	923.42	17
3)		Electrical	m2	18	411.54	7
6.0)	17139	Bleacher Enclosure	m2	54.40	1,282	(70)

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		U/M	Qty	Unit Cost	Cost (\$000)
1)	Architectural / Structural	m2	54.40	1,034	56
2)	Electrical	m2	54.40	248.60	14
7.0)	17139 Covered Mess	m2	72	777.58	(56)
1)	Architectural / Structural	m2	72	614.87	44
2)	Electrical	m2	72	162.71	12
8.0)	17860 Ammo Breakdown Building	m2	10.80	2,788	(30)
1)	Architectural / Structural	m2	10.80	1,796	19
2)	Electrical	m2	10.80	992.14	11
9.0)	17860 Ammunition Loading Dock	m2	24	780.50	(19)
1)	Concrete Dock w/ Steps	m2	24	548.88	13
2)	Dock Lightning Protection	m2	24	231.61	6
10.0)	17860 Unit Staging Area	EA	1	30,131	(30)
1)	Surfacing	m2	1,190	13.58	16
2)	Security Fence	m	181	77.19	14

SUPPORTING FACILITIES.

Electric Service	LS	--	--	(966)
1) Overhead/Underground Primary	LS	--	--	929
2) Communications	LS	--	--	37
Paving, Walks, Curbs And Gutters	LS	--	--	(21)
1) Access Road	m	500	41.92	21
Storm Drainage	LS	--	--	(4)
1) Erosion Control	m	500	7.57	4
Site Improvement/Demolition	LS	--	--	(8)
1) Clearing & Grubbing	ha	0.80	9,585	8